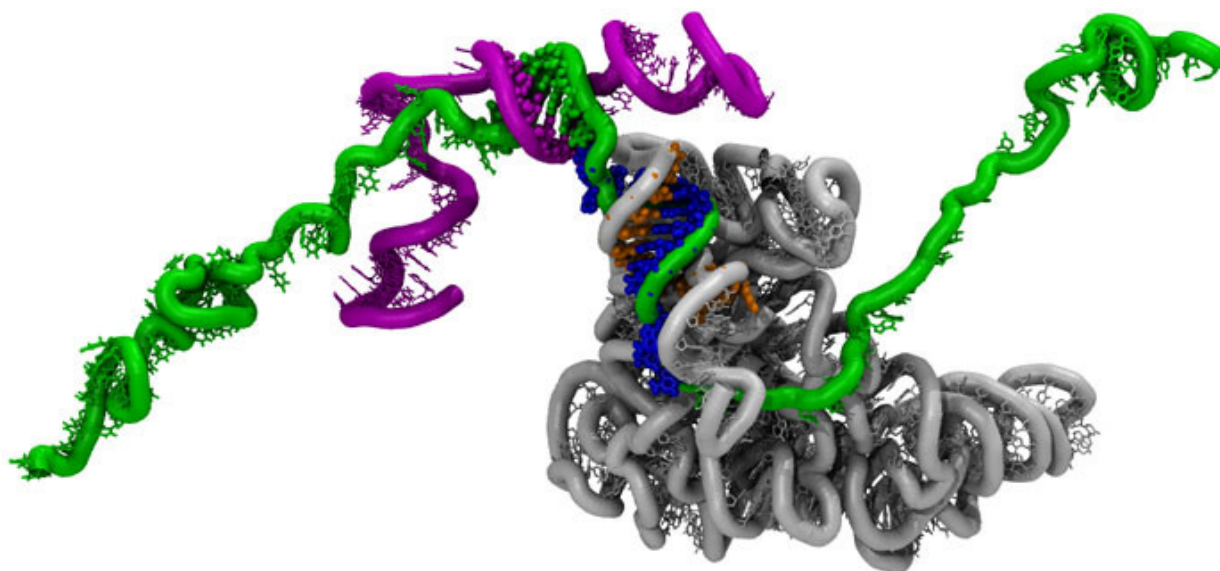

New research, publications and videos

September 1, 2015



News stories

[Medical and biofuel advances possible with new gene regulation tool](#)

Recent work by Los Alamos National Laboratory experimental and theoretical biologists describes a new method of controlling gene expression. The key is a tunable switch made from a small non-coding RNA molecule that could have value for medical and even biofuel production purposes.

New mechanism discovered for controlling ultracold chemical reactions

Researchers have discovered a new interference mechanism in ultracold chemical reactions, one which has important technological applications in precision measurements, sensing and quantum computing.

Curiosity rover finds evidence of Mars' primitive continental crust

Knowing how a chemical in soil reacts and transforms over time in response to neighboring elements, weather and heat is essential in determining whether that chemical is hazardous. This is especially important when that chemical is radioactive.

Publications

[September issue of Community Connections](#)

New Video

[Beyond Pluto: The Search for the Edge of the Solar System](#)

[Trinity to Trinity 1945-2015](#)

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